

The Customer Perspective: NCR Corporation

Business needs

As a global enterprise technology leader serving retailers, restaurants, and banks, NCR Corporation was facing growing pressure to modernize its legacy analytics environment. With a strategic shift toward subscription-based, 'as-a-service' business models, NCR needed to:

- **Enable advanced analytics:** Move beyond descriptive insights to predictive and prescriptive analytics.
- **Lower operational costs:** Minimize the heavy maintenance burden and licensing costs of their legacy Teradata system.
- **Improve agility and scalability:** Support dynamic business models with faster, more flexible data processing.
- **Accelerate time-to-insights:** Enable faster decision-making through a modern, high-performance analytics platform.

Solution

To drive this transformation, NCR partnered with Impetus, leveraging its proven automated data platform modernization solution, LeapLogic™, to modernize their legacy Teradata workloads to a cloud-native stack.

Key solution highlights:

- Assessed thousands of BTEQ scripts to map lineage, evaluate performance, and recommend optimization paths
- Automated unit testing and cell-level validation to ensure accuracy and consistency post-migration
- Delivered consistent performance through close collaboration between Impetus architects, tech leads, and NCR teams—ensuring no gaps
- Converted complex workloads to Spark Scala with ~90% automation, significantly cutting down manual effort

Saved 50% in cost and effort compared to manual transformation—while accelerating delivery and enabling faster, smarter business decisions across the enterprise

Impact

The modernization initiative delivered tangible business value and performance gains:

- **Improved performance:** Beat the targeted 6-hour SLA by a full hour—enhancing responsiveness across critical business processes
- **Accelerated analytics:** Unlocked advanced analytics capabilities (predictive and prescriptive), driving faster, more informed decision-making
- **Cost and effort savings:** Reduced manual transformation cost and effort by 50%
- **Trusted partnership:** Impetus operated as an extension of NCR's internal team—ensuring no gaps, seamless delivery, and a high-performance end state